

4.2.F. 0603000507

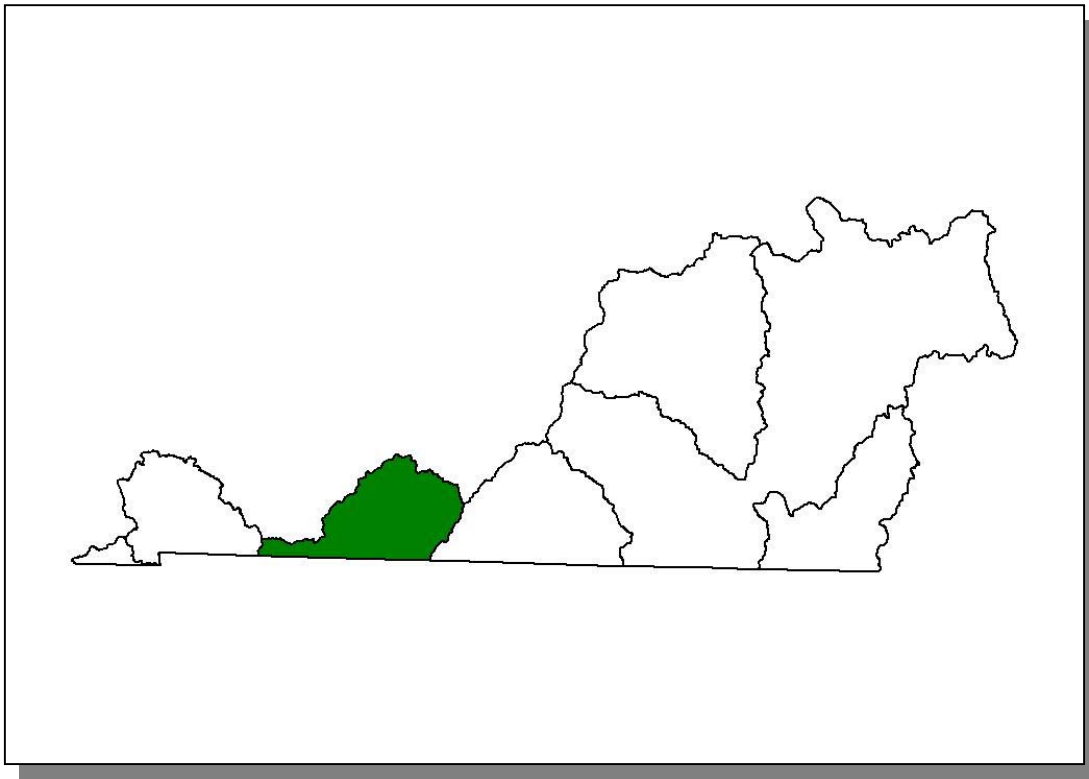


Figure 4-41. Location of Subwatershed 0603000507. All Pickwick HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.F.i. General Description.

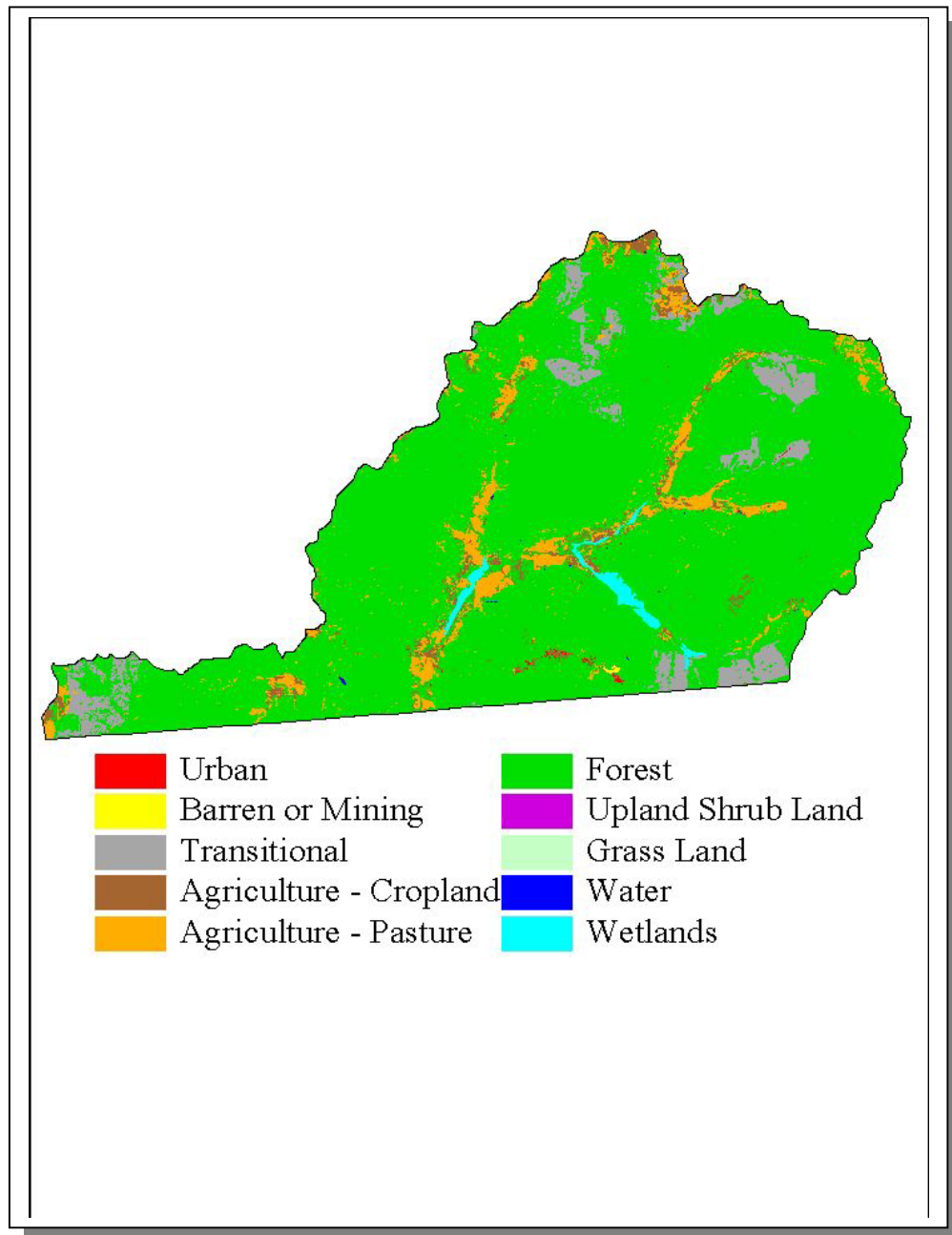


Figure 4-42. Illustration of Land Use Distribution in Subwatershed 0603000507.

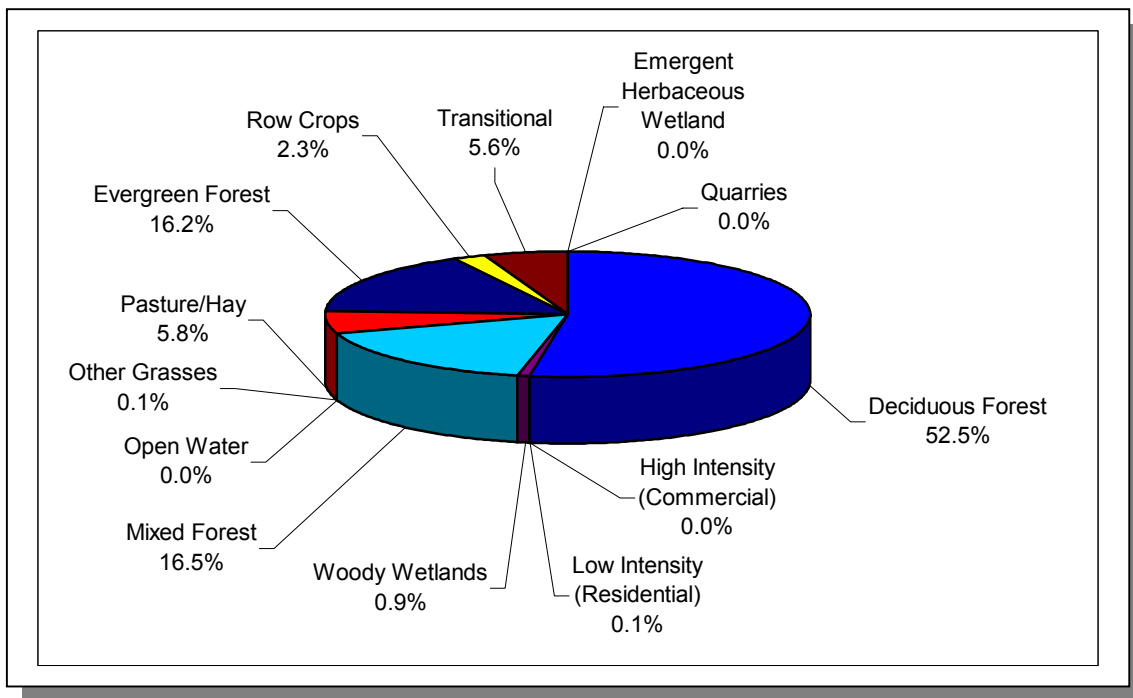


Figure 4-43. Land Use Distribution in Subwatershed 0603000507. More information is provided in Pickwick-Appendix IV.

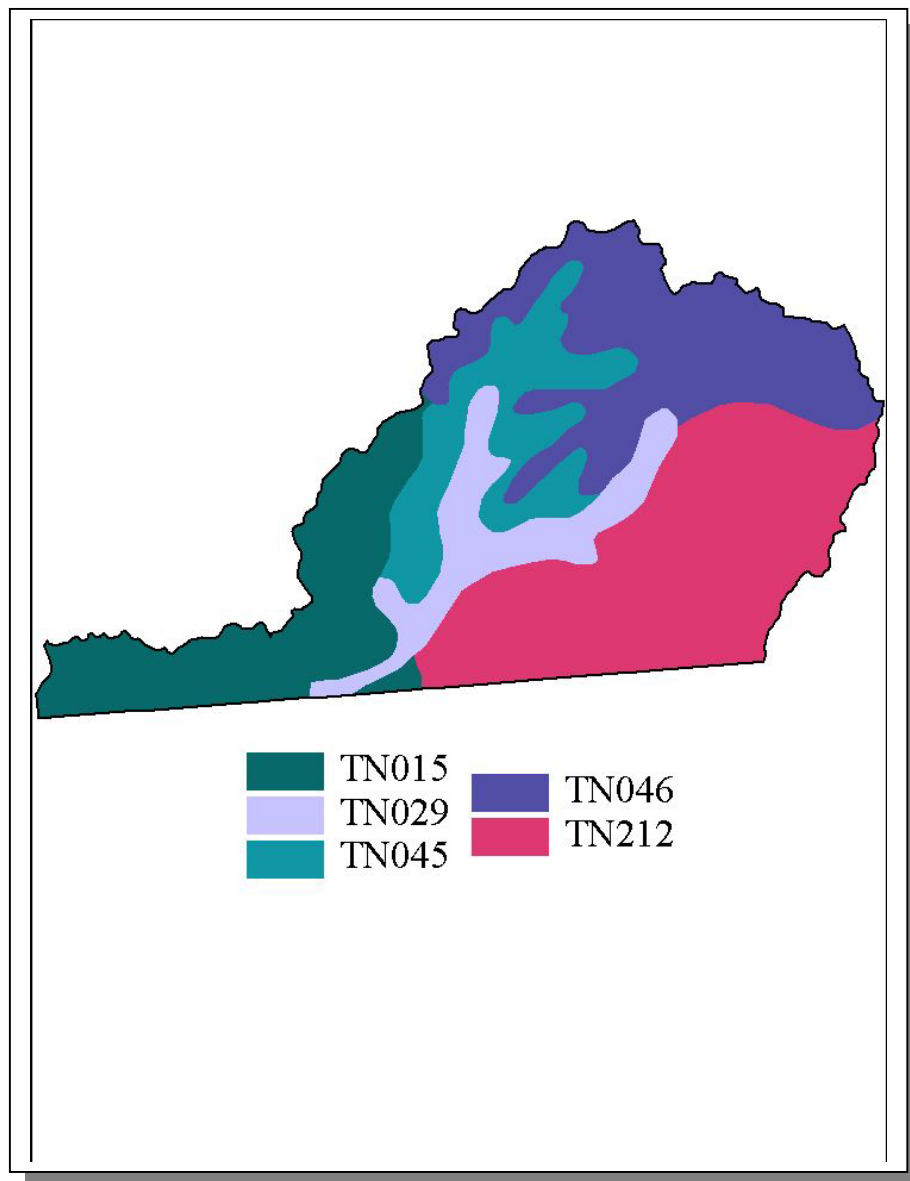


Figure 4-44. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000507.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN015	4.00	C	3.62	4.98	Sandy Loam	0.25
TN029	8.00	C	2.96	5.40	Loam	0.33
TN045	0.00	B	1.95	5.45	Loam	0.35
TN046	0.00	B	1.98	5.09	Silty Loam	0.38
TN212	4.00	B	1.95	5.04	Silty Loam	0.38

Table 4-29. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000507. More information is provided in Pickwick-Appendix IV.

County	TOTAL COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		PERCENT CHANGE
	1990	1997 Est.		1990	1997	
Hardin	22,633	24,816	1.14	257	282	9.7
Wayne	13,935	16,498	4.76	664	786	18.4
Totals	36,568	41,314		921	1,068	16.0

Table 4-30. Population Estimates in Subwatershed 0603000507.

4.2.F.ii. Point Source Contributions.

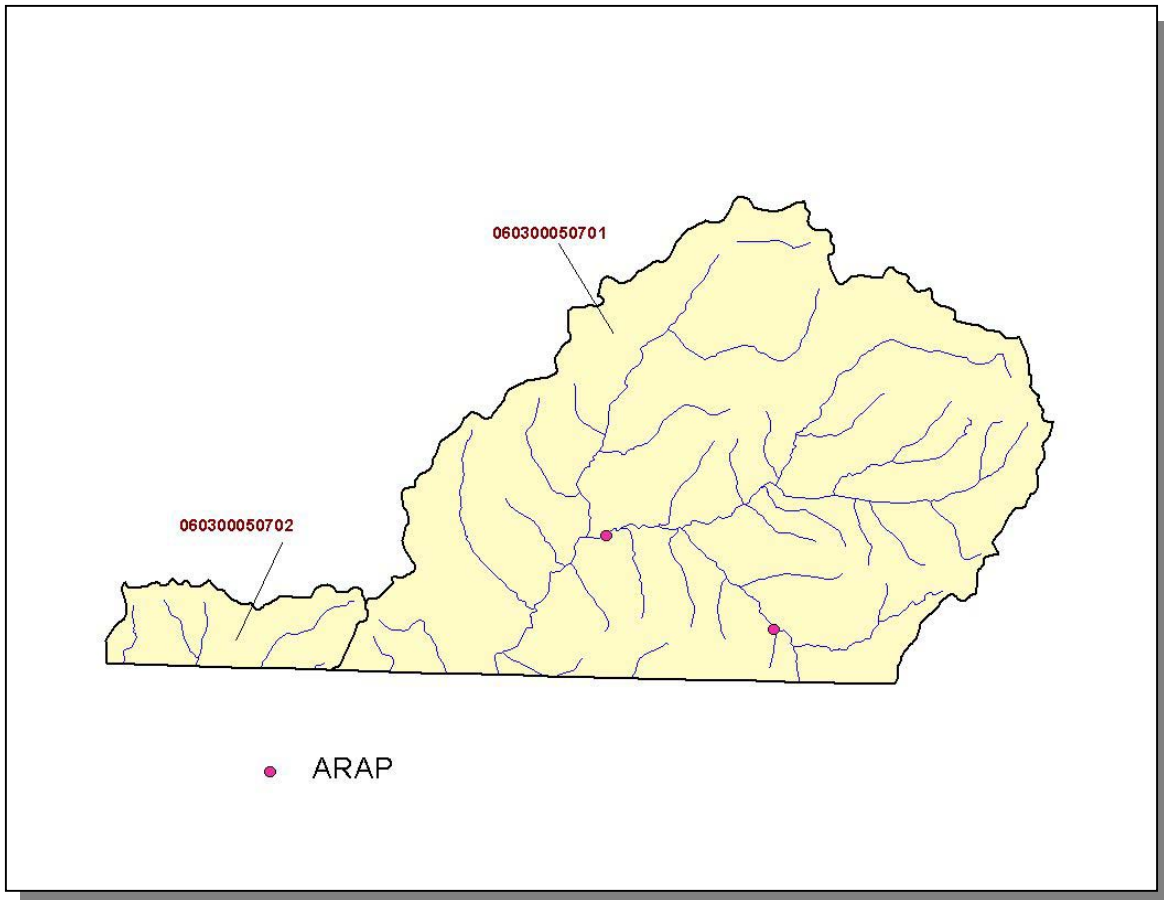


Figure 4-45. Location of Active Point Source Facilities in Subwatershed 0603000507. Subwatershed 060300050701 and 060300050702 boundaries are shown for reference. More information is provided in the following figures.

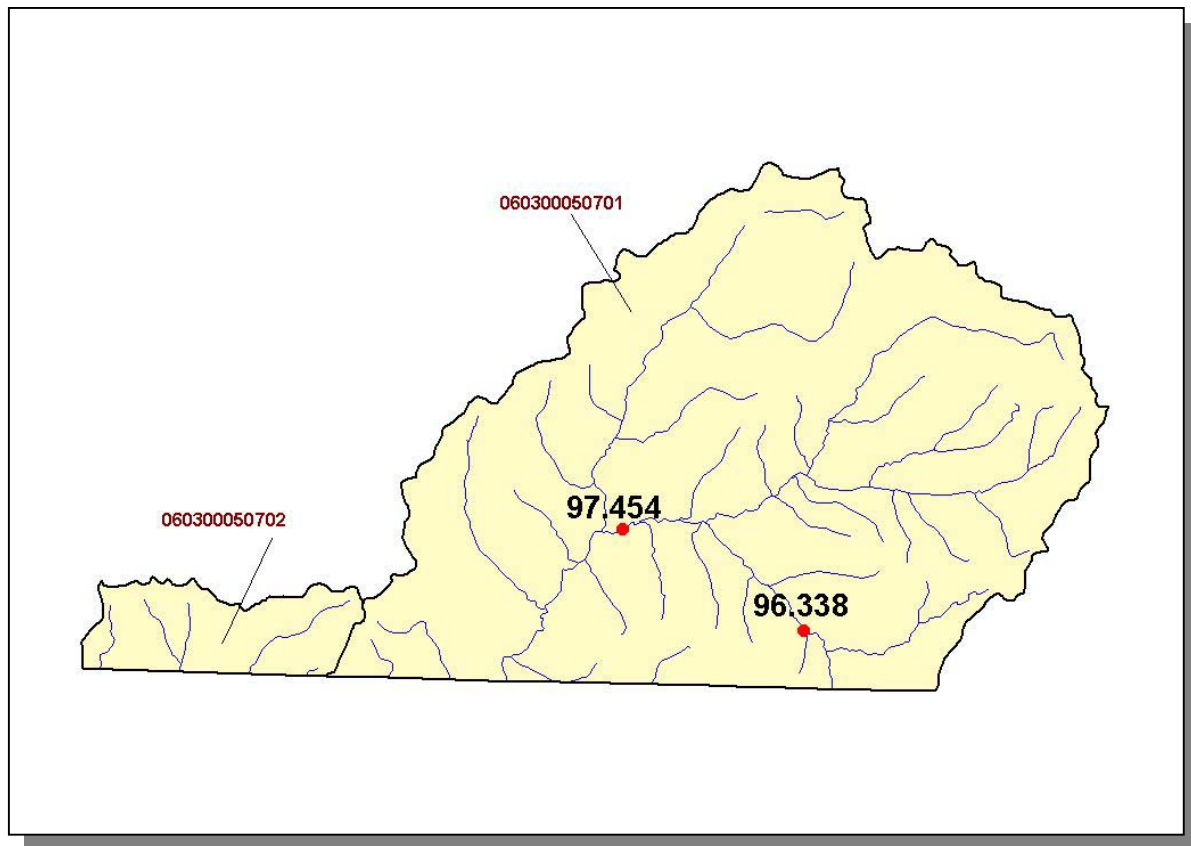


Figure 4-46. Location of ARAP Sites (Individual Permits) in Subwatershed 0603000507. Subwatershed 060300050701 and 060300050702 boundaries are shown for reference. More information, including the names of facilities, is provided in Pickwick-Appendix IV.

4.2.F.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Milk Cow	Cattle	Chickens	Chickens Sold	Hogs	Sheep
534	2	959	1	4,198	101	6

Table 4-31. Summary of Livestock Count Estimates in Subwatershed 0603000507. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Hardin	219.9	219.9	6.5	27.6
Wayne	372.6	372.6	14.1	41.1
Total	592.5	592.5	20.6	68.7

Table 4-32. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0603000507.

CROPS	TONS/ACRE/YEAR
Grass (Hayland)	0.21
Legume/Grass (Hayland)	0.46
Grass (Pastureland)	0.21
Grass, Forbs, Legumes (Mixed (Pasture)	0.65
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Soybeans (Row Crops)	13.10
Corn (Row Crops)	7.30
Cotton (Row Crops)	2.63
Wheat (Close Grown Cropland)	3.93
All Other Close Grown Cropland	5.50
Conservation Reserve Program Land	0.35
Other Cropland not Planted	9.54
Non Agricultural Land Use	0.00
Farmsteads and Ranch Headquarters	0.79

Table 4-33. Annual Estimated Total Soil Loss in Subwatershed 0603000507.